



APPENDIX

CLAIMS 66, 98, 104, 107, AND 129, WITH ANNOTATIONS TO
INDICATE REVISIONS, OF U.S. PATENT APPLICATION 09/307,044,

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66. (Amended) A display comprising:

an image-producing component having a multiplicity of imaging lines for producing an image, each imaging line being regularly updated to provide light that produces part of the image;

a set of shutter strips, each (a) associated with at least one of the imaging lines, (b) situated in front of each so-associated imaging line outside the image-producing component, and (c) being switched during operation of the display between a light-transmissive state and a light-absorptive state, the shutter strips comprising parts of a liquid-crystal structure in which each shutter strip comprises (i) a different corresponding one of a set of laterally separated first electrical conductors, (ii) a portion, situated opposite the corresponding first conductor, of a second electrical conductor spaced apart from the first conductor, and (iii) liquid-crystal material situated between the corresponding first conductor and the portion of the second conductor; and

a control component that utilizes light in causing the shutter strips to be selectively placed in their light-transmissive and light-absorptive states.

98. (Twice amended) A display as in Claim 97 wherein:

the host liquid crystal [liquid-crystal material] comprises cholesteric liquid crystal; and
the guest pleochroic dye comprises black dichroic dye.

104. (Twice amended) A display as in Claim 98 wherein the black dichroic dye has a concentration of 0.1 - 10 wt % in the host liquid crystal [liquid-crystal material].

107. (Amended) A display as in Claim 66 [106] wherein, in addition to the shutter strips, the liquid-crystal structure includes:

a third electrical conductor; and

a group of switches physically connected to the third conductor, each switch physically connected to a different corresponding one of the first conductors and being operable to electrically couple the corresponding first conductor to the third conductor when sufficient light from an associated one of the control elements strikes that switch or to electrically decouple the corresponding first conductor from the third conductor when sufficient light from an associated one of the control elements strikes that switch.

129. (Amended) A method comprising the steps of:

producing an image by regularly updating each of a multiplicity of imaging lines of an image-producing component to provide light that produces part of the image;

switching each of a set of shutter strips, each associated with at least one of the imaging lines and being situated in front of each so-associated imaging line outside the image-producing component, between a light-transmissive state and a light-absorptive state, the shutter strips comprising parts of a liquid-crystal structure in which each shutter strip comprises (i) a different corresponding one of a set of laterally separated first electrical conductors, (ii) a portion, situated opposite the corresponding first conductor, of a second electrical conductor spaced apart from

the first conductor, and (iii) liquid-crystal material situated between the corresponding first conductor and the portion of the second conductor; and

utilizing light to cause the shutter strips to be selectably placed in their light-transmissive and light-absorptive states.